LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** COMP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142404.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.110 | 488 | 496 | 508 | rBV | 181550 | 264599 | 9.56% | 1.051% |
| 2 | 5.510 | 558 | 564 | 569 | rBV | 1606264 | 2067855 | 74.72% | 8.214% |
| 3 | 6.516 | 729 | 735 | 740 | rBV | 1731218 | 2295365 | 82.94% | 9.118% |
| 4 | 6.898 | 795 | 800 | 805 | rBV | 721872 | 888523 | 32.10% | 3.529% |
| 5 | 7.457 | 889 | 895 | 900 | rBV | 1092069 | 1379583 | 49.85% | 5.480% |
| 6 | 7.710 | 934 | 938 | 949 | rVB | 32417 | 41565 | 1.50% | 0.165% |
| 7 | 8.181 | 1013 | 1018 | 1032 | rBB | 927012 | 1165310 | 42.10% | 4.629% |
| 8 | 9.257 | 1195 | 1201 | 1206 | rBV | 2228969 | 2767633 | 100.00% | 10.994% |
| 9 | 9.798 | 1289 | 1293 | 1298 | rBV | 30364 | 39099 | 1.41% | 0.155% |
| 10 | 9.934 | 1311 | 1316 | 1322 | rBV | 1013707 | 1304178 | 47.12% | 5.181% |
| 11 | 10.651 | 1432 | 1438 | 1444 | rBV | 429350 | 556707 | 20.11% | 2.211% |
| 12 | 10.722 | 1445 | 1450 | 1461 | rBV | 1422669 | 1818742 | 65.71% | 7.225% |
| 13 | 10.845 | 1466 | 1471 | 1478 | rVB2 | 30185 | 51263 | 1.85% | 0.204% |
| 14 | 10.957 | 1486 | 1490 | 1497 | rVB2 | 33713 | 42014 | 1.52% | 0.167% |
| 15 | 11.316 | 1548 | 1551 | 1556 | rVB2 | 19203 | 28680 | 1.04% | 0.114% |
| 16 | 11.422 | 1564 | 1569 | 1577 | rBV2 | 990231 | 1392780 | 50.32% | 5.532% |
| 17 | 11.945 | 1650 | 1658 | 1669 | rBV2 | 237368 | 461269 | 16.67% | 1.832% |
| 18 | 12.033 | 1669 | 1673 | 1675 | rBV2 | 53318 | 70569 | 2.55% | 0.280% |
| 19 | 12.122 | 1683 | 1688 | 1692 | rBV3 | 23399 | 38430 | 1.39% | 0.153% |
| 20 | 12.222 | 1699 | 1705 | 1707 | rBV2 | 29330 | 49968 | 1.81% | 0.198% |
| 21 | 12.475 | 1744 | 1748 | 1751 | rBV | 42102 | 45341 | 1.64% | 0.180% |
| 22 | 12.504 | 1751 | 1753 | 1759 | rVB2 | 28835 | 42454 | 1.53% | 0.169% |
| 23 | 12.557 | 1759 | 1762 | 1771 | rVB4 | 26834 | 42560 | 1.54% | 0.169% |
| 24 | 12.633 | 1771 | 1775 | 1780 | rBV | 132656 | 172793 | 6.24% | 0.686% |
| 25 | 12.727 | 1788 | 1791 | 1795 | rBV | 36642 | 48906 | 1.77% | 0.194% |
| 26 | 12.863 | 1809 | 1814 | 1820 | rBV | 207410 | 294273 | 10.63% | 1.169% |
| 27 | 13.010 | 1833 | 1839 | 1846 | rVB | 2013388 | 2569010 | 92.82% | 10.205% |
| 28 | 13.080 | 1847 | 1851 | 1858 | rBV2 | 38181 | 73627 | 2.66% | 0.292% |
| 29 | 13.175 | 1863 | 1867 | 1873 | rVV4 | 38238 | 81908 | 2.96% | 0.325% |
| 30 | 13.239 | 1874 | 1878 | 1884 | rVV3 | 22720 | 41526 | 1.50% | 0.165% |
| 31 | 13.298 | 1884 | 1888 | 1895 | rVB | 44423 | 61126 | 2.21% | 0.243% |
| 32 | 13.386 | 1900 | 1903 | 1906 | rVV | 36533 | 47628 | 1.72% | 0.189% |
| 33 | 13.416 | 1906 | 1908 | 1912 | rVB | 29660 | 35263 | 1.27% | 0.140% |
| 34 | 13.580 | 1932 | 1936 | 1944 | rVB5 | 20767 | 48047 | 1.74% | 0.191% |
| 35 | 13.698 | 1952 | 1956 | 1964 | rVB | 33684 | 48682 | 1.76% | 0.193% |
| 36 | 13.810 | 1970 | 1975 | 1978 | rBV3 | 31824 | 58873 | 2.13% | 0.234% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.910 | 1987 | 1992 | 2002 | rVB | 138996 | 231170 | 8.35% | 0.918% |
| 38 | 14.063 | 2011 | 2018 | 2029 | rBV2 | 794090 | 1302267 | 47.05% | 5.173% |
| 39 | 14.222 | 2039 | 2045 | 2053 | rVB4 | 43481 | 100731 | 3.64% | 0.400% |
| 40 | 14.451 | 2075 | 2084 | 2086 | rBV | 46928 | 93211 | 3.37% | 0.370% |
| 41 | 14.480 | 2086 | 2089 | 2093 | rVB3 | 31097 | 32600 | 1.18% | 0.129% |
| 42 | 14.533 | 2093 | 2098 | 2103 | rBV2 | 200969 | 371312 | 13.42% | 1.475% |
| 43 | 14.845 | 2148 | 2151 | 2155 | rVB | 39389 | 50232 | 1.81% | 0.200% |
| 44 | 14.998 | 2172 | 2177 | 2188 | rVB4 | 96392 | 198675 | 7.18% | 0.789% |
| 45 | 15.116 | 2192 | 2197 | 2205 | rVV2 | 66694 | 156606 | 5.66% | 0.622% |
| 46 | 15.192 | 2205 | 2210 | 2221 | rVB | 350224 | 546400 | 19.74% | 2.170% |
| 47 | 15.421 | 2245 | 2249 | 2254 | rVB | 51699 | 72779 | 2.63% | 0.289% |
| 48 | 15.486 | 2255 | 2260 | 2265 | rVV | 51468 | 78983 | 2.85% | 0.314% |
| 49 | 15.551 | 2265 | 2271 | 2284 | rVB | 518827 | 855633 | 30.92% | 3.399% |
| 50 | 15.792 | 2307 | 2312 | 2323 | rVB | 88014 | 151299 | 5.47% | 0.601% |
| 51 | 16.039 | 2347 | 2354 | 2360 | rBV | 179043 | 323989 | 11.71% | 1.287% |
| 52 | 16.863 | 2488 | 2494 | 2504 | rBV4 | 38952 | 88041 | 3.18% | 0.350% |
| 53 | 17.045 | 2520 | 2525 | 2532 | rBV2 | 17387 | 36524 | 1.32% | 0.145% |
| 54 | 17.498 | 2597 | 2602 | 2611 | rVB | 21076 | 47964 | 1.73% | 0.191% |

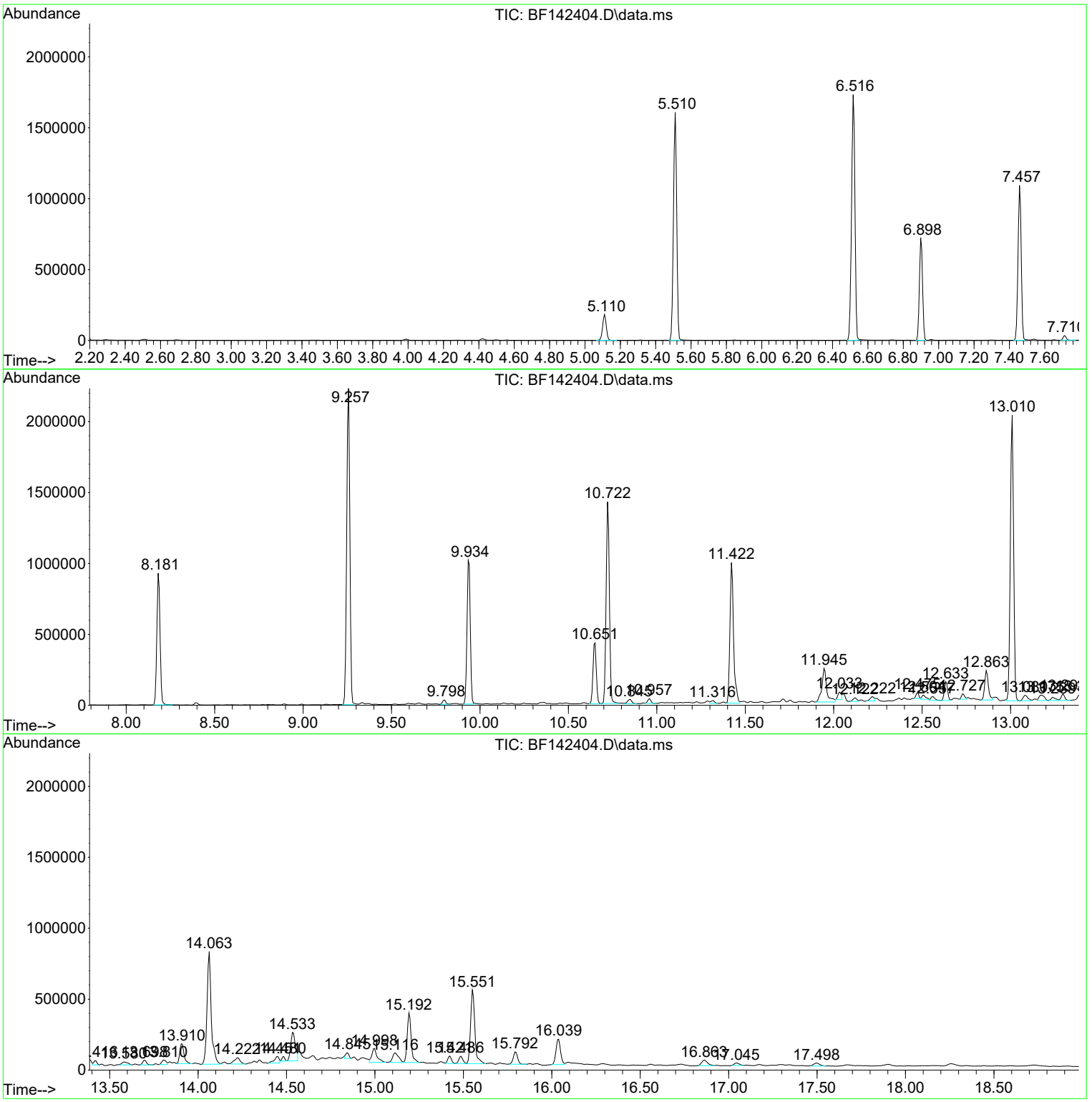
Sum of corrected areas: 25174565

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

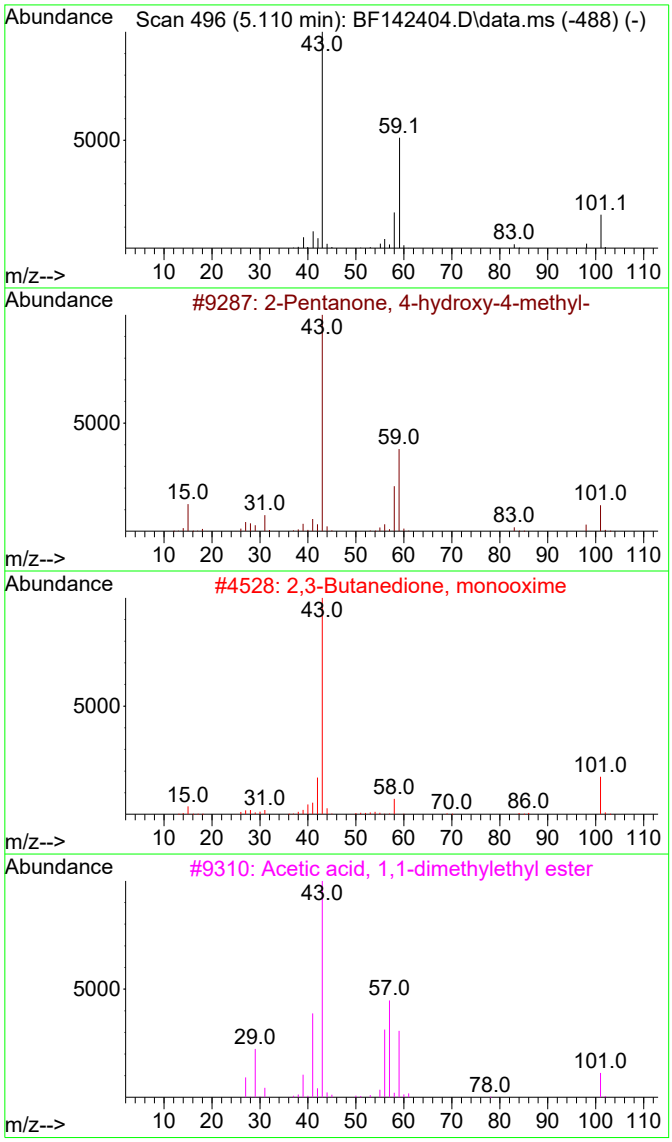
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

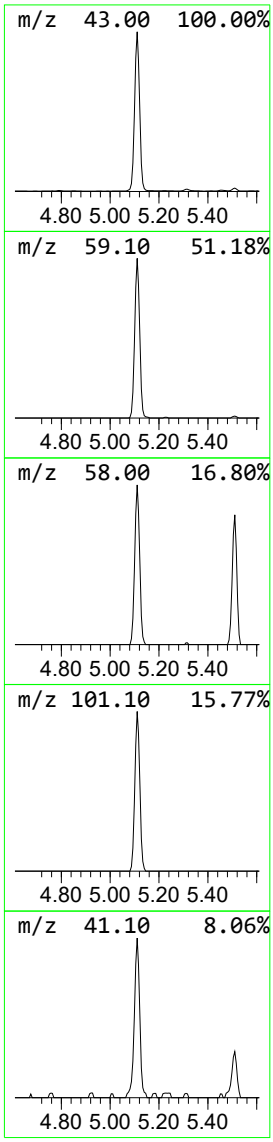
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.110 | 5.96 ng | 264599 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 27 |
| 3 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 23 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 12 |
| 5 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

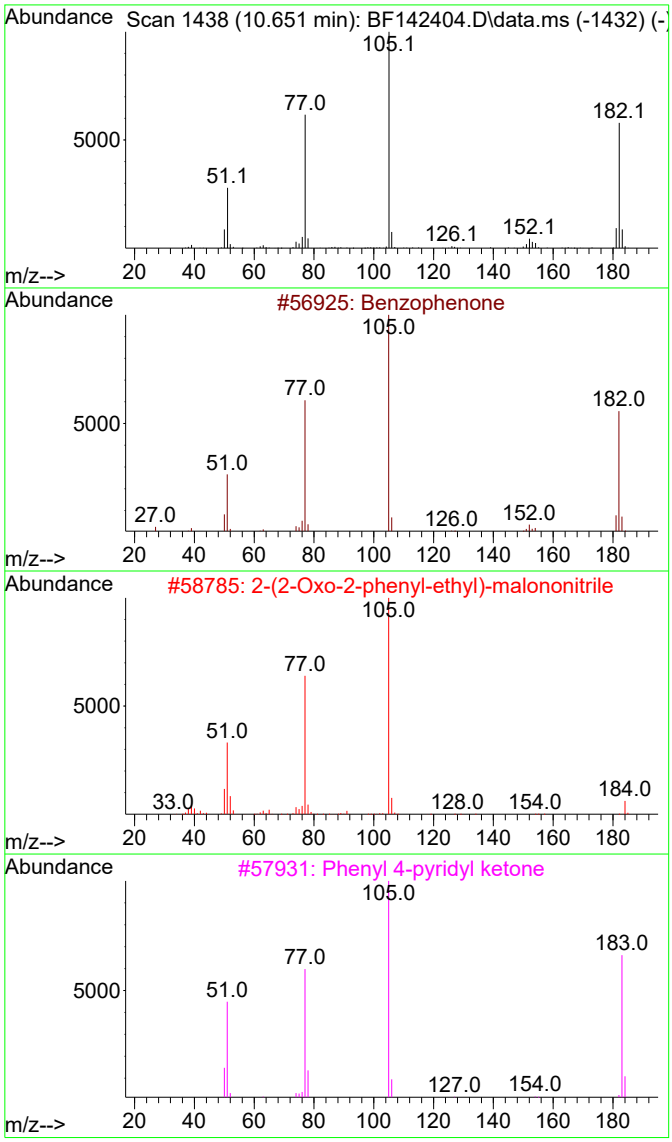
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

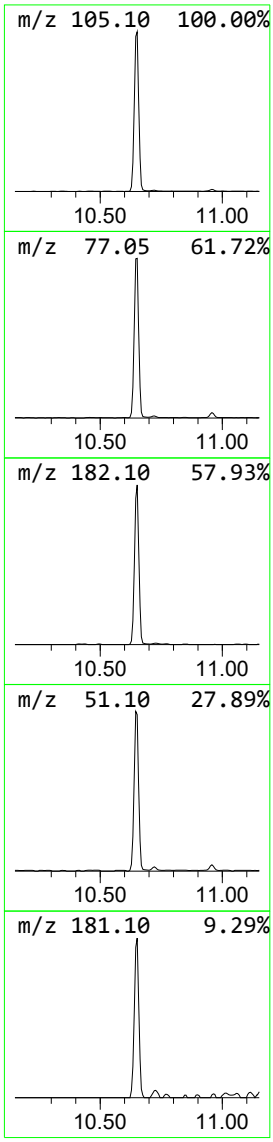
**********

Peak Number 2 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.651 | 8.54 ng | 556707 | Acenaphthene-d10 | 9.934 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O | 1000296-76-9 | 53 |
| 3 | Phenyl 4-pyridyl ketone | 183 | C12H9NO | 014548-46-0 | 49 |
| 4 | 2-Benzoyl-4-bromo-5-methyl-1,2-o... | 281 | C11H8BrNO3 | 1000444-92-3 | 47 |
| 5 | Vinyl benzoate | 148 | C9H8O2 | 000769-78-8 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

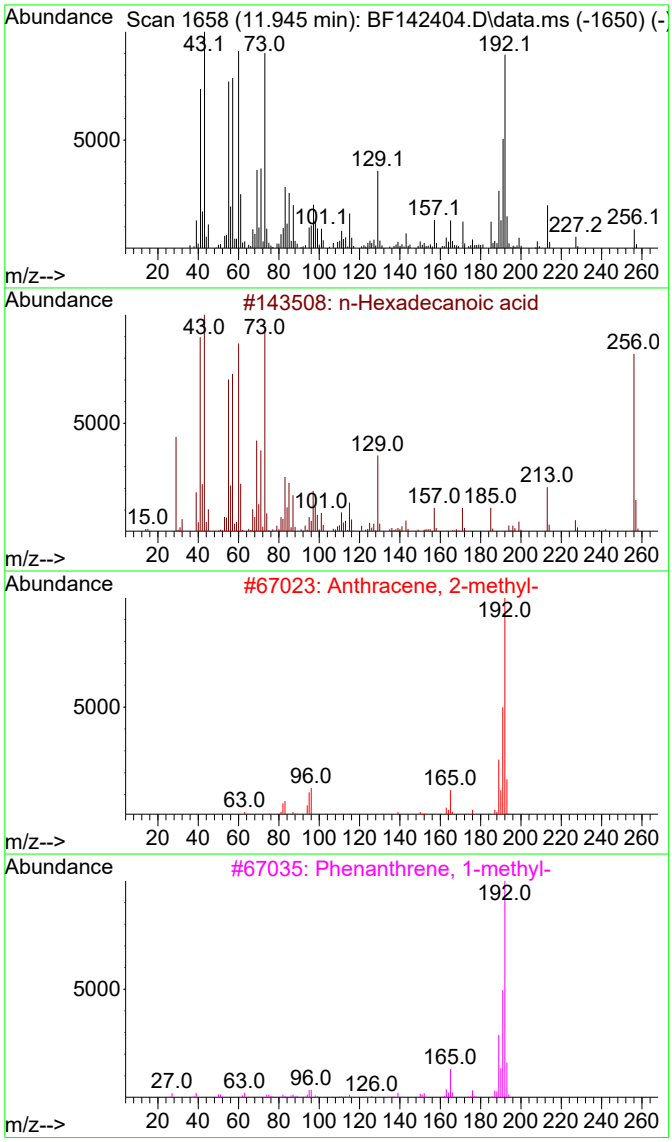
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

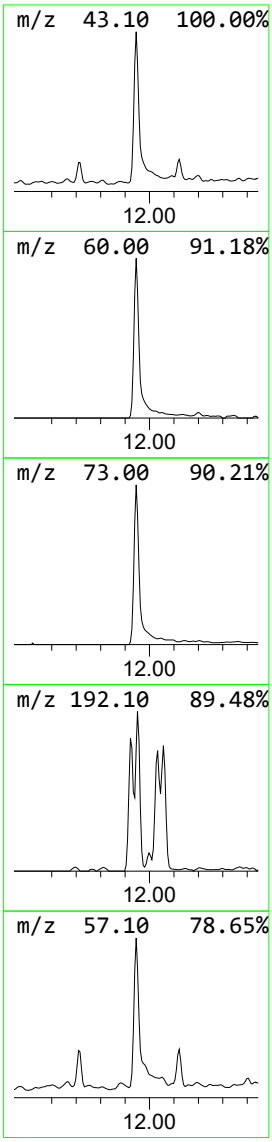
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.945 | 6.62 ng | 461269 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 92 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 92 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

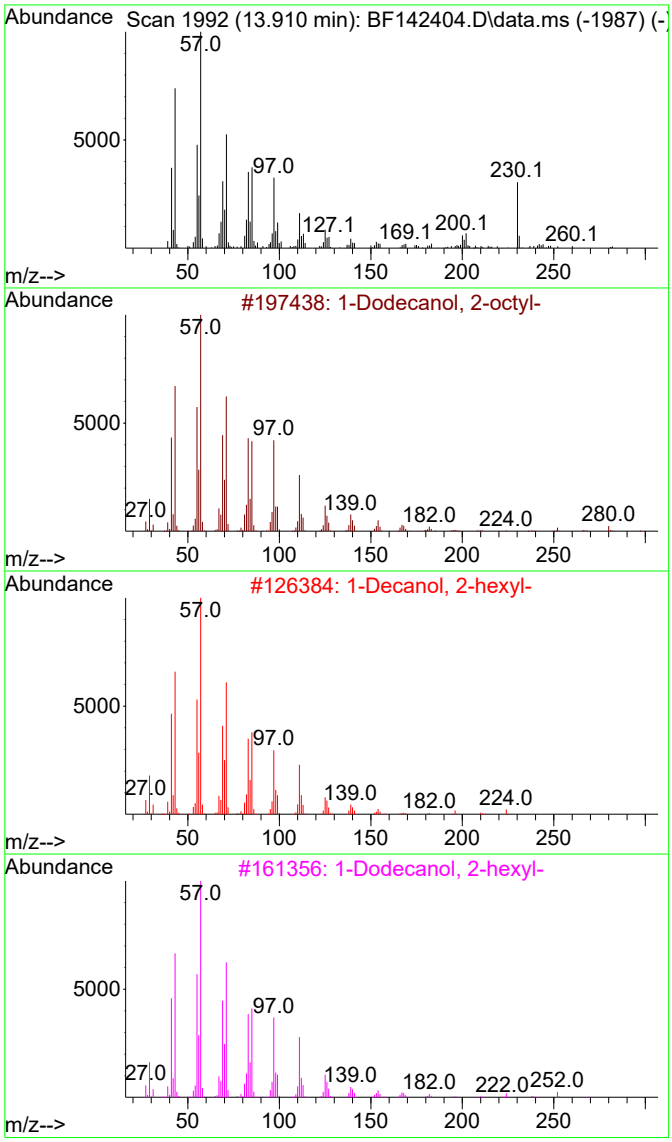
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

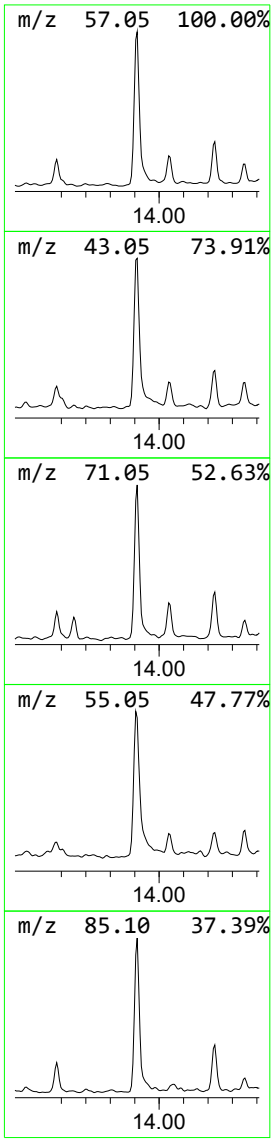
**********

Peak Number 4 1-Dodecanol, 2-octyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.910 | 3.55 ng | 231170 | Chrysene-d12 | 14.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Dodecanol, 2-octyl- | 298 | C20H42O | 005333-42-6 | 87 |
| 2 | 1-Decanol, 2-hexyl- | 242 | C16H34O | 002425-77-6 | 87 |
| 3 | 1-Dodecanol, 2-hexyl- | 270 | C18H38O | 110225-00-8 | 87 |
| 4 | Oxalic acid, isobutyl tetradecyl... | 342 | C20H38O4 | 1000309-37-9 | 87 |
| 5 | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

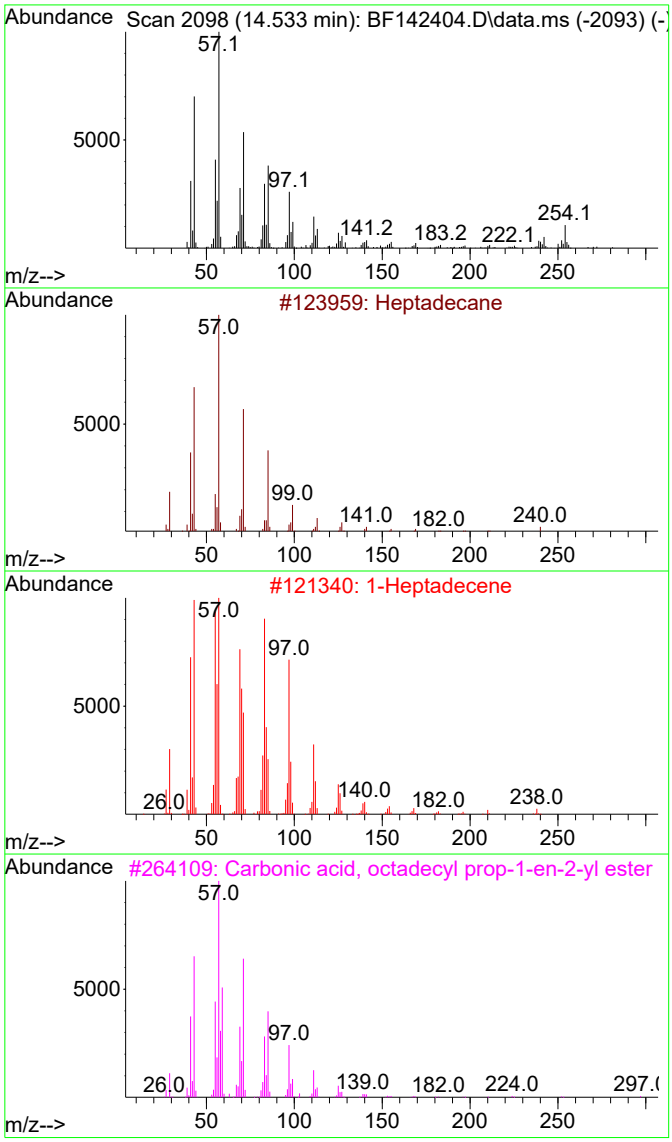
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

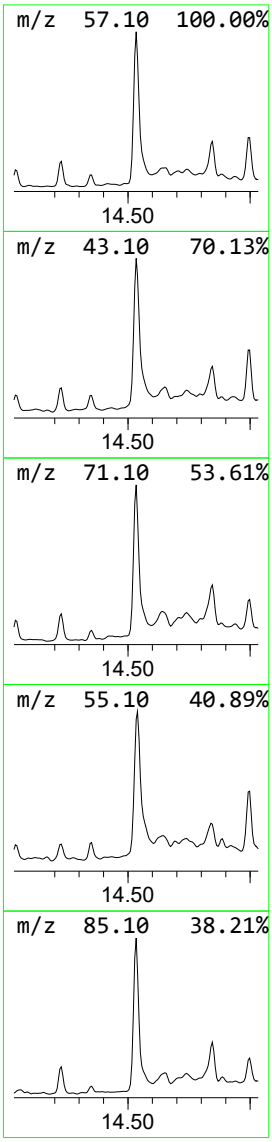
**********

Peak Number 5 Heptadecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.533 | 5.70 ng | 371312 | Chrysene-d12 | 14.063 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 96 |
| 2 | 1-Heptadecene | 238 | C17H34 | 006765-39-5 | 94 |
| 3 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 90 |
| 4 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 90 |
| 5 | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

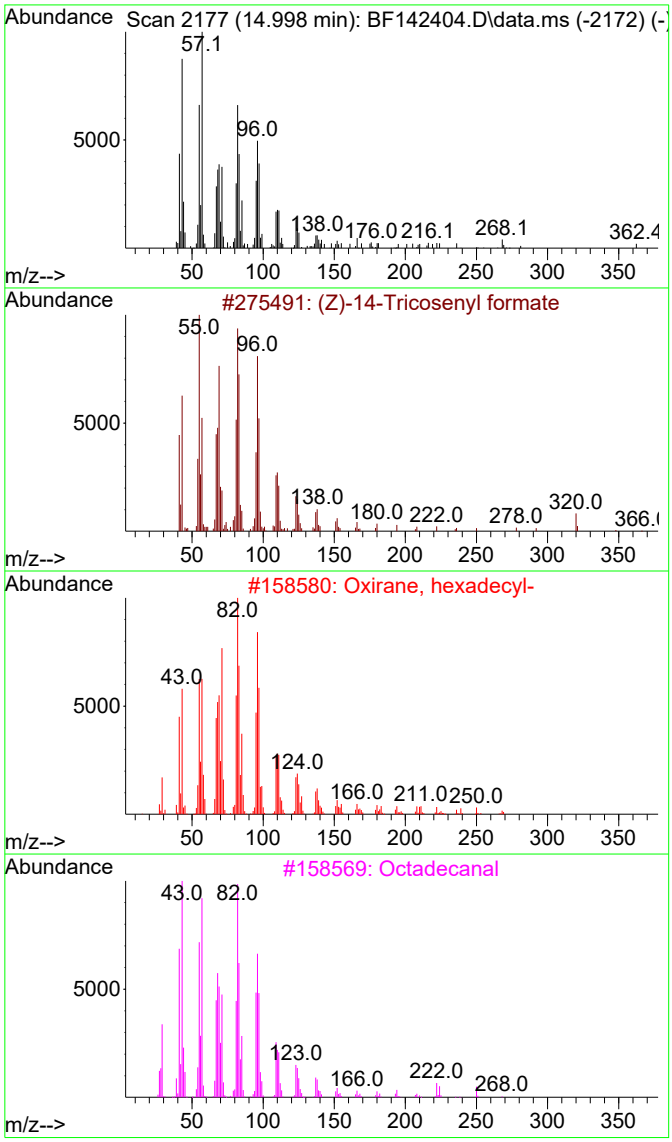
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

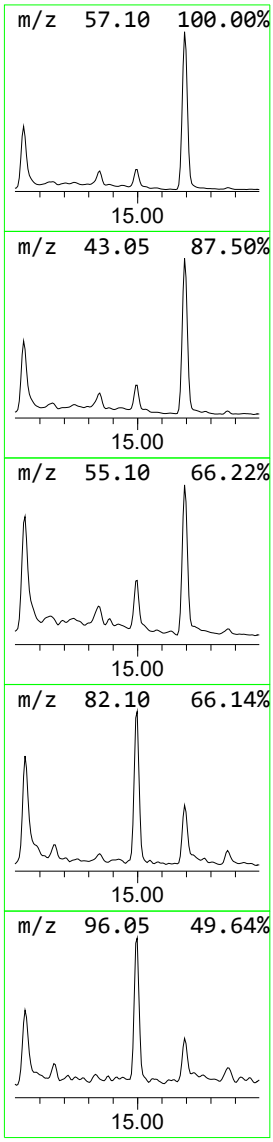
**********

Peak Number 6 (Z)-14-Tricosenyl formate Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.998 | 4.64 ng | 198675 | Perylene-d12 | 15.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 91 |
| 2 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 90 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 90 |
| 4 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 86 |
| 5 | Eicosanal- | 296 | C20H40O | 002400-66-0 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

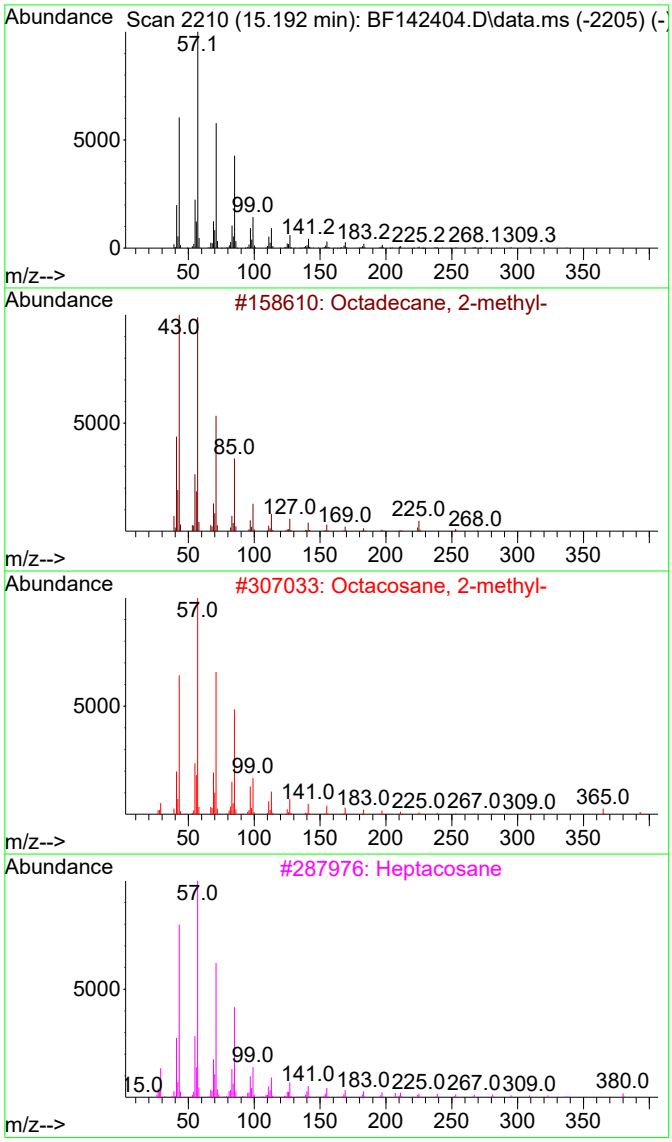
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

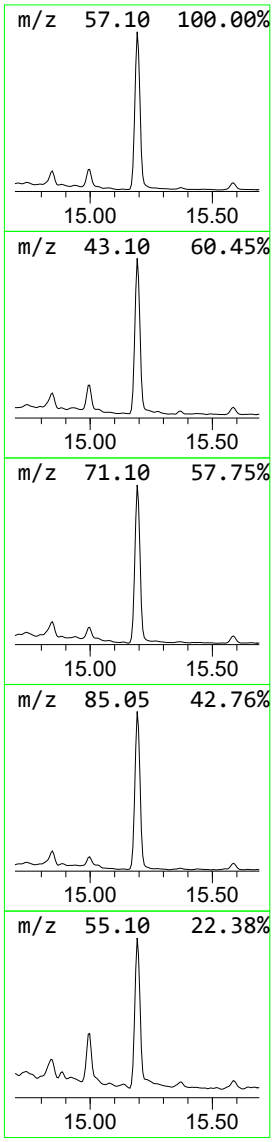
**********

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.192 | 12.77 ng | 546400 | Perylene-d12 | 15.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 93 |
| 2 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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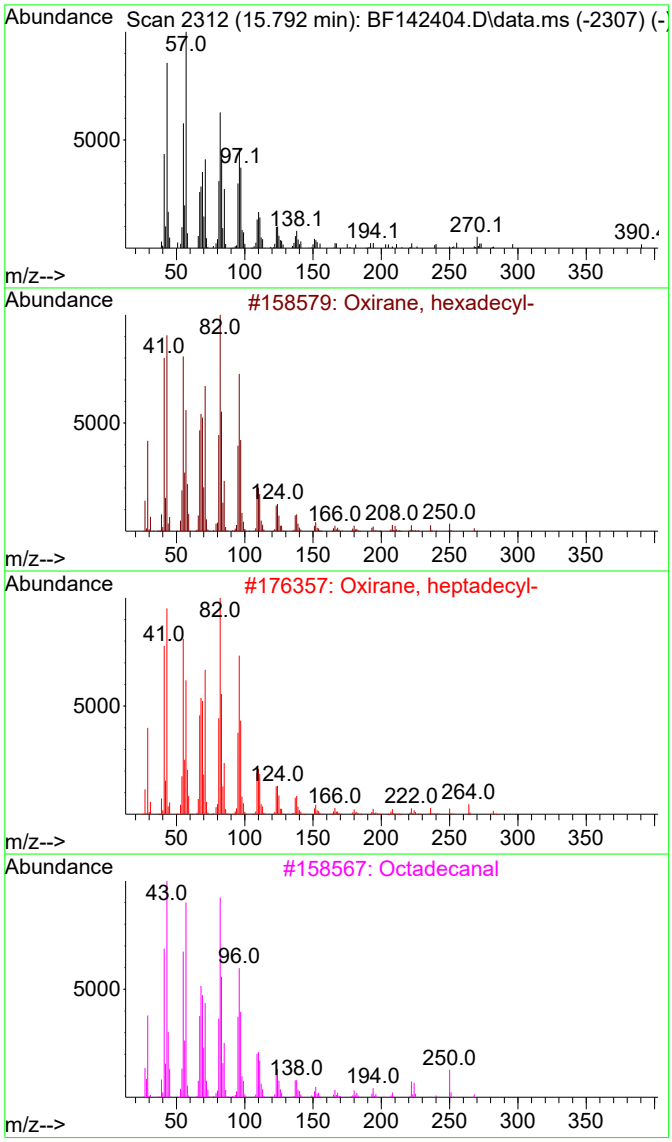
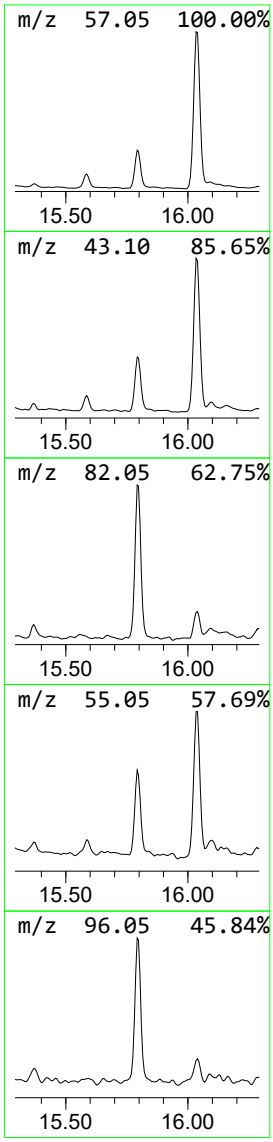
Peak Number 8 Oxirane, hexadecyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.792 | 3.54 ng | 151299 | Perylene-d12 | 15.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 95 |
| 2 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 95 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 93 |
| 4 | Tetracosanal | 352 | C24H48O | 057866-08-7 | 87 |
| 5 | Z-11,13-Dimethyl-11-tetradecen-1... | 282 | C18H34O2 | 1000131-36-6 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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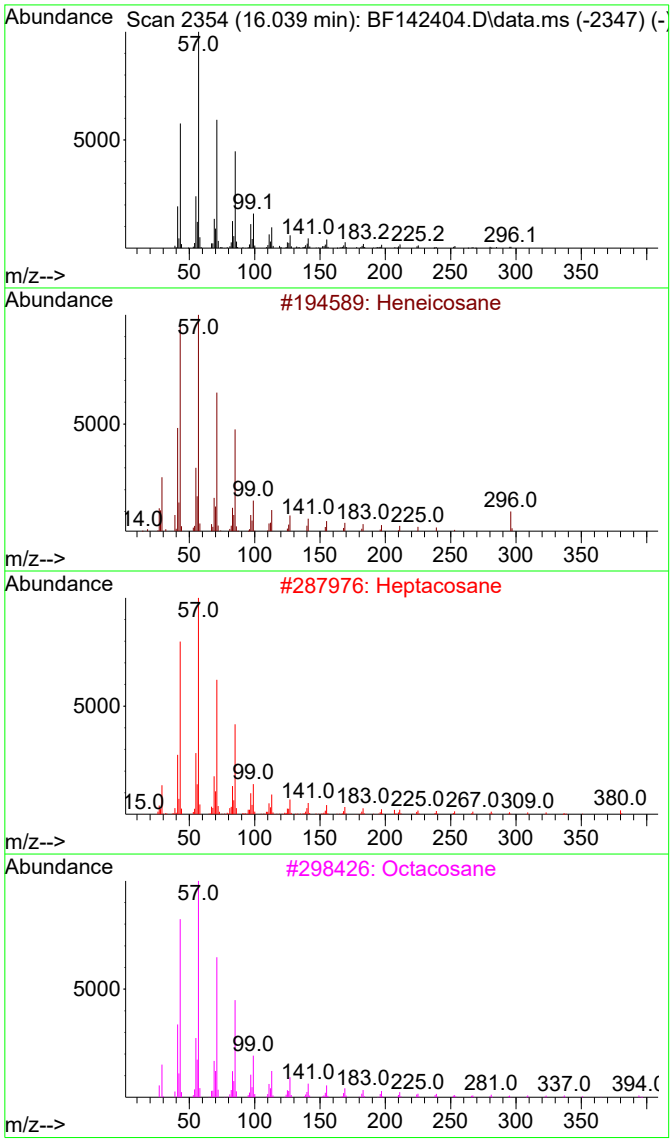
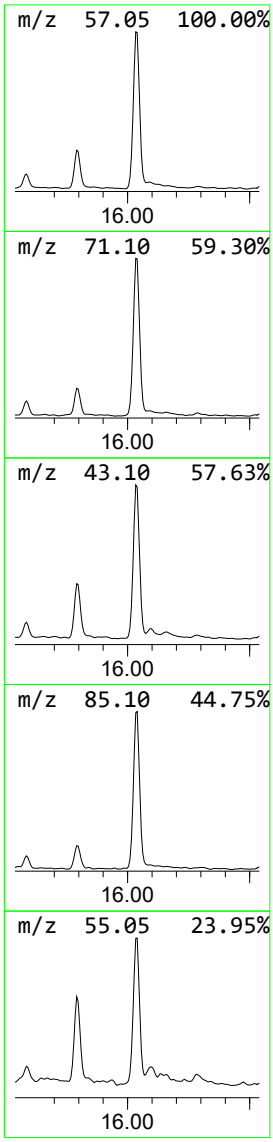
Peak Number 9 Heneicosane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.039 | 7.57 ng | 323989 | Perylene-d12 | 15.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 95 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 5 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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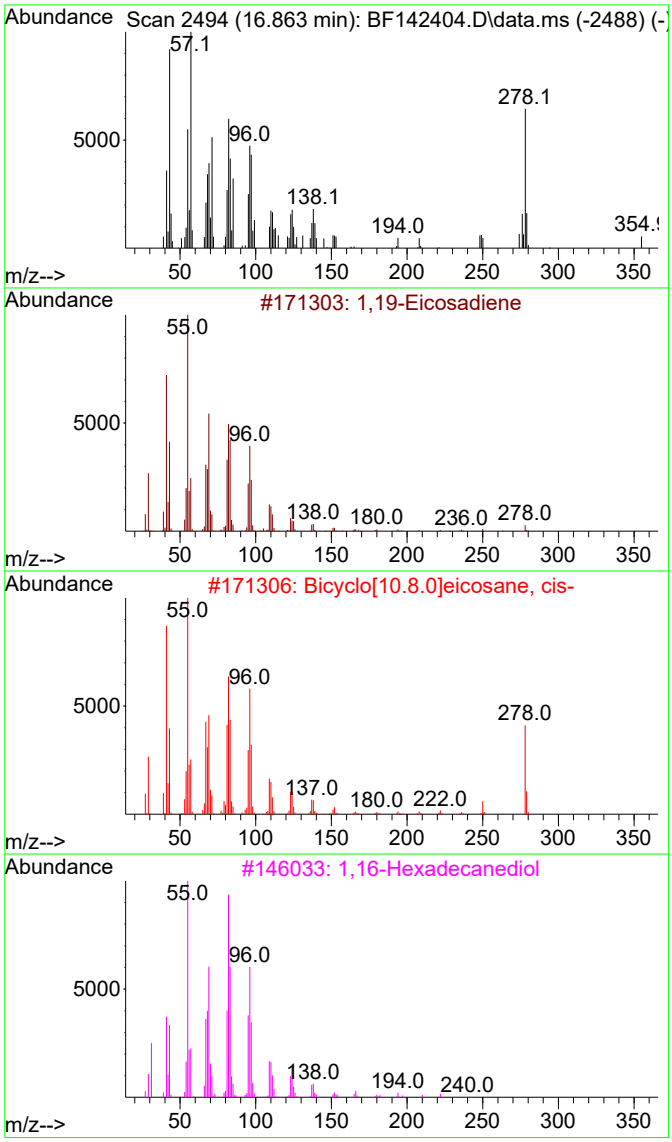
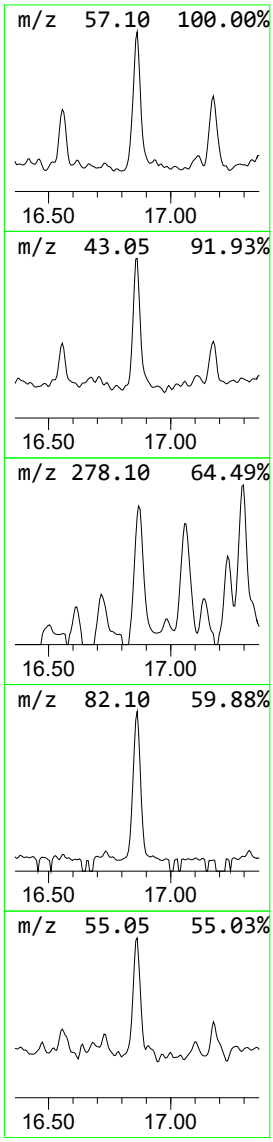
Peak Number 10 1,19-Eicosadiene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.863 | 2.06 ng | 88041 | Perylene-d12 | 15.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 60 |
| 2 | Bicyclo[10.8.0]eicosane, cis- | 278 | C20H38 | 1000155-82-2 | 58 |
| 3 | 1,16-Hexadecanediol | 258 | C16H34O2 | 007735-42-4 | 43 |
| 4 | Cyclopentane, (4-octyldodecyl)- | 350 | C25H50 | 005638-09-5 | 43 |
| 5 | Isobutyl octacosyl ether | 467 | C32H66O | 1000406-33-4 | 43 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142404.D
Acq On : 15 May 2025 21:05
Operator : RC/JU
Sample : Q2022-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-... | 5.110 | 6.0 | ng | 264599 | 1 | 6.898 | 888523 | 20.0 |
| Benzophenone | 10.651 | 8.5 | ng | 556707 | 3 | 9.934 | 1304180 | 20.0 |
| n-Hexadecanoic ... | 11.945 | 6.6 | ng | 461269 | 4 | 11.422 | 1392780 | 20.0 |
| 1-Dodecanol, 2-... | 13.910 | 3.5 | ng | 231170 | 5 | 14.063 | 1302270 | 20.0 |
| Heptadecane | 14.533 | 5.7 | ng | 371312 | 5 | 14.063 | 1302270 | 20.0 |
| (Z)-14-Tricosen... | 14.998 | 4.6 | ng | 198675 | 6 | 15.551 | 855633 | 20.0 |
| Octadecane, 2-m... | 15.192 | 12.8 | ng | 546400 | 6 | 15.551 | 855633 | 20.0 |
| Oxirane, hexade... | 15.792 | 3.5 | ng | 151299 | 6 | 15.551 | 855633 | 20.0 |
| Heneicosane | 16.039 | 7.6 | ng | 323989 | 6 | 15.551 | 855633 | 20.0 |
| 1,19-Eicosadiene | 16.863 | 2.1 | ng | 88041 | 6 | 15.551 | 855633 | 20.0 |